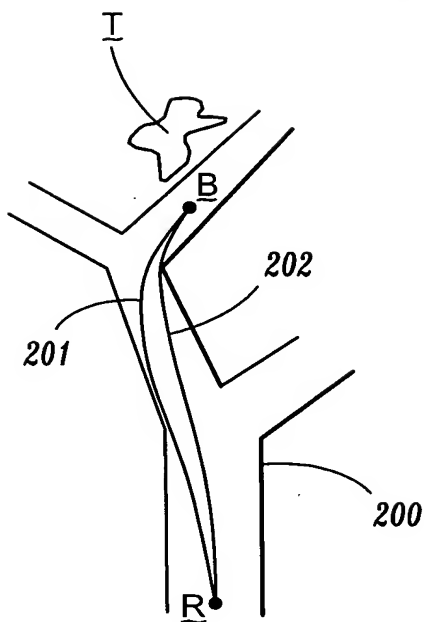
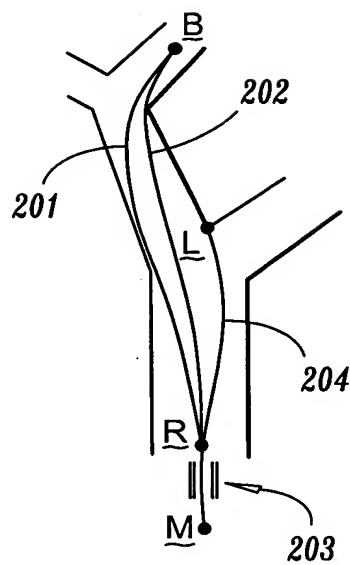


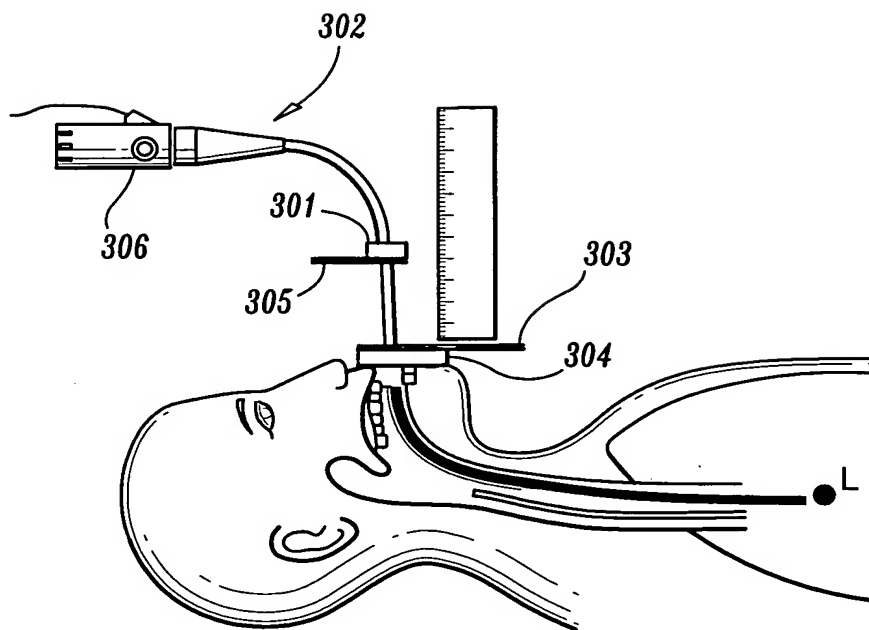
**FIG. 1**



**FIG. 2a**

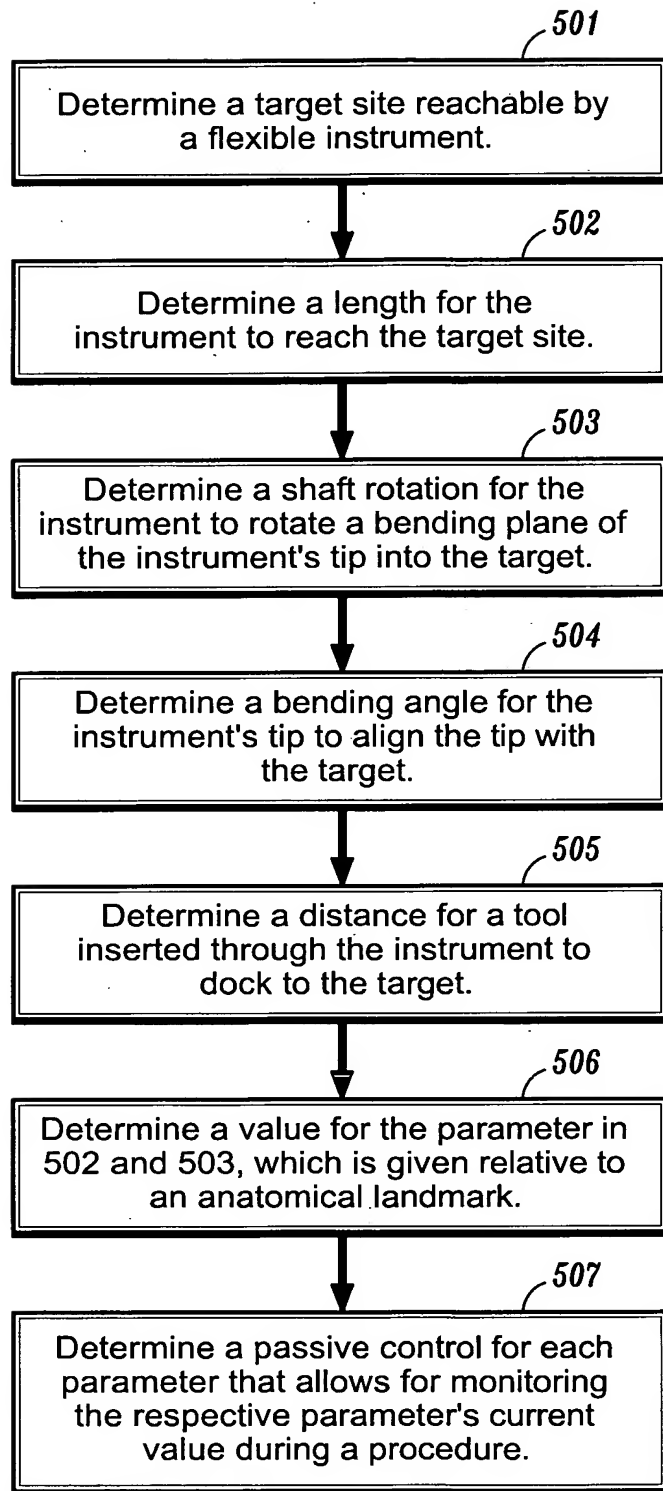


**FIG. 2b**

**FIG. 3**

1. Touch carina with the bronchoscope tip.
2. Move stopper to mouth-piece.
3. Withdraw bronchoscope 30 mm.
4. Rotate shaft until carina appears vertically in the bronchoscope's view.
5. Move stopper to mouth-piece and set its rotation-pointer to 0 degrees.
6. Move stopper  $l$  mm away from mouth-piece and lock stopper.
7. Insert bronchoscope into branch of the biopsy-site B until stopper hits the mouth-piece.
6. Withdraw bronchoscope  $l$  mm.
7. Move stopper back to mouth-piece and lock stopper.
8. Rotate endoscope shaft until the shaft rotation-pointer points to  $\alpha$  degrees.
9. Set rotation of the bending-wheel to  $\beta$  degrees.
10. Insert needle  $d$  mm beyond the working channel outlet.

**FIG. 4**

**FIG. 5**